

DRAFT DELTA PLAN OUTLINE

December 6, 2010

EXECUTIVE SUMMARY

Delta as a Central Link for California
Existing and Impending Risks to the Delta
Achieving the Coequal Goals for the Delta
Purpose and Use of Delta Plan

BACKGROUND AND NEED FOR THE DELTA PLAN

Delta as a Central Link for California
Changes in the Delta and California since the 1800s
Existing and Impending Risks to the Delta
Initiating Development of the Delta Plan
Challenges and Opportunities to Development of the Delta Plan

PURPOSE AND USE OF THE DELTA PLAN

Implementation of the Coequal Goals and all Inherent Subgoals and Policy Objectives
Delta Plan Project Objectives
Use of Delta Plan by Delta Stewardship Council and Other Agencies
Basis for Future Findings of Consistency
Geographical Area Considered for Use of the Delta Plan
Implementation Horizons for Delta Plan Objectives
Near-Term Planning Horizon
Long-Term Planning Horizon
Limited Availability of Meaningful and Comparative Data and Responses to Improve
Five Year Review and Update Process

ORGANIZATION OF THE DELTA PLAN

Description of Six Functions to Implement Policy Objectives
Definitions of Components
Findings and Policies
Performance Measures, Targets, and Monitoring
Best Available Science
Adaptive Management - Recognizing Uncertainty and Responses

PRELIMINARY DELTA PLAN OUTLINE - continued

DEVELOPMENT AND EVALUATION OF DELTA PLAN ALTERNATIVES AND SELECTION OF PROPOSED PLAN

Inclusion and Consideration of Other Plans Identified in SBX7 1

- Bay-Delta Conservation Program
- Delta Protection Commission Economic Sustainability Plan
- Department of Fish and Game Delta Ecosystem Flow Criteria Recommendations
- State Water Resources Control Board Delta Ecosystem Flow Criteria Recommendations
- Suisun Marsh Ecosystem Restoration Plan

Consideration of Other Plans

- Ongoing Studies by Federal, State, and Local Agencies
- Delta Vision Strategic Plan Actions
- Input from Other Agencies and Interested Parties

Consideration of Regulations and Legal Requirements that Affect the Delta

Identification and Evaluation of Alternatives

Identification of Proposed Delta Plan

WATER RESOURCES OBJECTIVES: MANAGEMENT OF WATER SUPPLIES AND DEMANDS; IMPLEMENTATION OF STATEWIDE CONSERVATION, WATER USE EFFICIENCY, AND SUSTAINABLE WATER USE; IMPROVE CONVEYANCE AND STATEWIDE STORAGE

Findings

- Changing Surface Water and Groundwater Resources Characteristics
- Changing Water Supply Availability, Reliability, and Usefulness for Beneficial Uses
- Future Changes - including Response to Climate Change and Sea Level Rise

Policies and Strategies to Achieve Coequal Goals

- Examples or Case Studies - including Illustrative Maps

Required Performance Measures and Targets with Monitoring Guidance

- Consequential Responses for Non-Achievement of Performance Measures and Targets

Adaptive Management: Recognition of Uncertainty and Responses

- Facts to Meet Policy Objectives: Data Management, Synthesis, and Communications
- Good Science and Good Water Resources Management - Both Needed to Achieve Coequal Goals

PRELIMINARY DELTA PLAN OUTLINE - continued

RESTORE DELTA ECOSYSTEM AS THE HEART OF A HEALTHY ESTUARY AND WETLAND ECOSYSTEM

Findings

Changes and Consequences in Delta Ecosystem since the 1800s

Future Changes- including Response to Climate Change and Sea Level Rise

Policies and Strategies to Achieve Coequal Goals

Examples or Case Studies - including Illustrative Maps

Required Performance Measures and Targets with Monitoring Guidance

Consequential Responses for Non-Achievement of Performance Measures and Targets

Adaptive Management: Recognition of Uncertainty and Responses

Facts to Meet Policy Objectives: Data Management, Synthesis, and Communications

Good Science and Good Water Resources Management - Both Needed to Achieve Coequal Goals

PROTECT AND ENHANCE THE UNIQUE CULTURAL, RECREATIONAL, AND AGRICULTURAL VALUES OF THE CALIFORNIA DELTA AS AN EVOLVING PLACE, INCLUDING STATE INTERESTS

Findings

Changes and Consequences in Delta Land Use and Communities since the 1800s

Changes and Consequences in Delta Natural Resources since the 1800s

Changes and Consequences in Delta Economy since the 1800s

Future Changes- including Response to Climate Change and Sea Level Rise

Policies and Strategies to Achieve Coequal Goals

Examples or Case Studies - including Illustrative Maps

Required Performance Measures and Targets with Monitoring Guidance

Consequential Responses for Non-Achievement of Performance Measures and Targets

Adaptive Management: Recognition of Uncertainty and Responses

Facts to Meet Policy Objectives: Data Management, Synthesis, and Communications

Good Science and Good Water Resources Management - Both Needed to Achieve Coequal Goals

PRELIMINARY DELTA PLAN OUTLINE - continued

IMPROVE WATER QUALITY TO PROTECT HUMAN HEALTH, ENVIRONMENTAL, AGRICULTURAL, INDUSTRIAL, AND RECREATIONAL USES

Findings

Changes and Consequences of Delta Water Quality since the 1800s

Future Changes- including Response to Climate Change and Sea Level Rise

Policies and Strategies to Achieve Coequal Goals

Examples or Case Studies - including Illustrative Maps

Required Performance Measures and Targets with Monitoring Guidance

Consequential Responses for Non-Achievement of Performance Measures and Targets

Adaptive Management: Recognition of Uncertainty and Responses

Facts to Meet Policy Objectives: Data Management, Synthesis, and Communications

Good Science and Good Water Resources Management - Both Needed to Achieve Coequal Goals

REDUCE RISKS TO PEOPLE, PROPERTY, AND STATE INTERESTS IN THE DELTA BY EFFECTIVE EMERGENCY PREPAREDNESS, APPROPRIATE LAND USES, AND INVESTMENTS IN FLOOD PROTECTION.

Findings

Changes and Consequences in Delta Risks to Land Use and Communities since the 1800s

Future Changes- including Response to Climate Change and Sea Level Rise

Policies and Strategies to Achieve Coequal Goals

Examples or Case Studies - including Illustrative Maps

Strategic Levee Investments

Required Performance Measures and Targets with Monitoring Guidance

Consequential Responses for Non-Achievement of Performance Measures and Targets

Adaptive Management: Recognition of Uncertainty and Responses

Facts to Meet Policy Objectives: Data Management, Synthesis, and Communications

Good Science and Good Water Resources Management - Both Needed to Achieve Coequal Goals

PRELIMINARY DELTA PLAN OUTLINE - continued

IMPLEMENTATION OF INTEGRATED POLICY OBJECTIVES IN THE DELTA PLAN

Overall and Integrated Future Changes in the Delta due to Implementation of the Delta Plan

Future Changes- in the Near-Term

Future Changes- in the Long-Term including Response to Climate Change and Sea Level Rise

GOVERNANCE PLAN: OPERATIONS THROUGH THE YEAR 2100

Implementation of the Coequal Goals and all Inherent Subgoals and Policy Objectives

Basis for Future Findings of Consistency

Communications Plan to Implement the Delta Plan

Adaptive Management Program using Best Available Science and Engineering Practices

Five Year Review Process

FINANCE PLAN TO SUPPORT COEQUAL GOALS

Delta Stewardship Council Operations

Implementation of the Coequal Goals

REFERENCES AND LITERATURE CITED